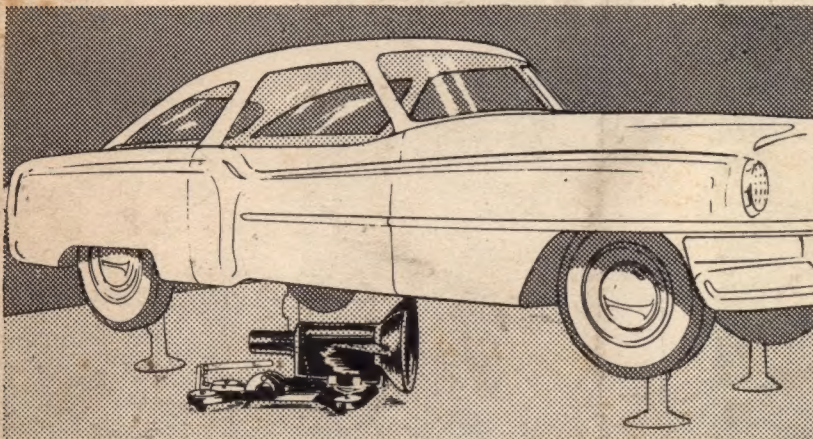


**"Oh!  
So Easy"**



**STEP-DRAULIC  
Transmission Handling  
Equipment Bulletin No. 17**

Revised 9-1-50



**STEP-DRAULIC LO-JACKS**

in two models for servicing transmissions from Creeper with car on Jack Stands.

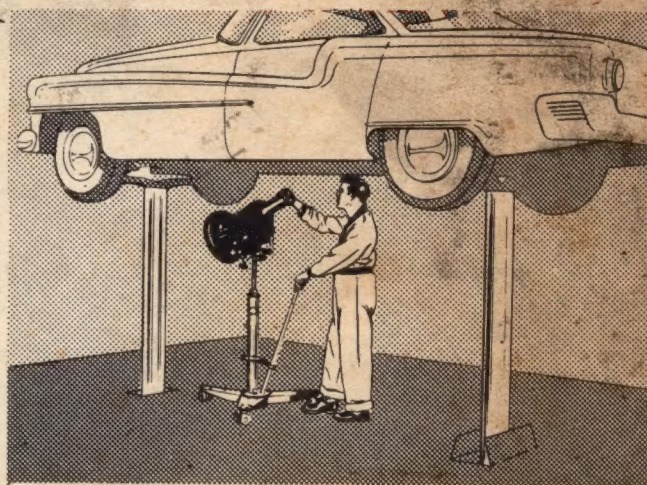
**A NECESSITY FOR  
SERVICING MODERN CARS**

Entire removal and replacement operation performed from underneath car. PROTECTS car interiors from soil or damage. TIME SAVINGS alone will soon pay for this equipment. When working from Creeper or under Lift ONE MAN, unassisted, safely and accurately positions heavy transmissions.

No floor pan opening required on most cars.



**"Oh!  
So Fast"**



**STEP-DRAULIC HI-JACKS**

in two models for servicing transmissions from Lift or Pit.

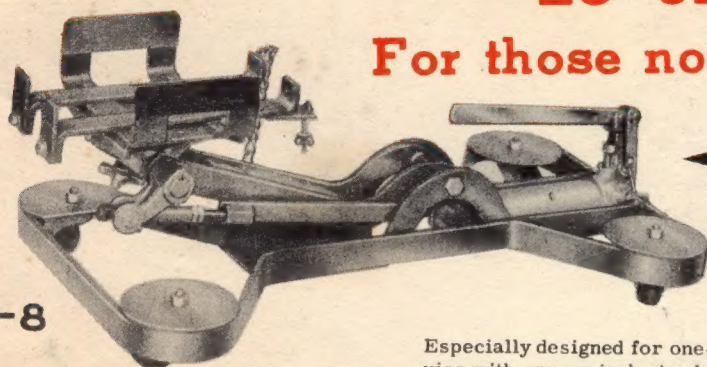
**NEW MODELS - NEW PRICES.  
See Inside**



# STEP-DRAULIC EQUIPMENT

## LO-JACKS

For those not using Lifts



ITEM-8

- **SPEEDY** One-Man Operation
- **MANEUVERABLE**
- **COMPACT**
- **LOWER - HIGHER, In Range**

Especially designed for one-man transmission service with car on jack stands. Hydraulic pump, ram and positioning carrier in one unit. Controls at finger tips when working from Creeper. Pump operating lever can be mounted either side.

Rolls easily on four large casters - widely spaced for stability. Capacity - 1000 lbs. Transmission can be tilted 40° forward, 6° back, 10° left or right. Has adjustable floating tilt, an important feature. Lifts from 5 1/4" to 24 1/4".

← **ADVANCE DESIGN** →

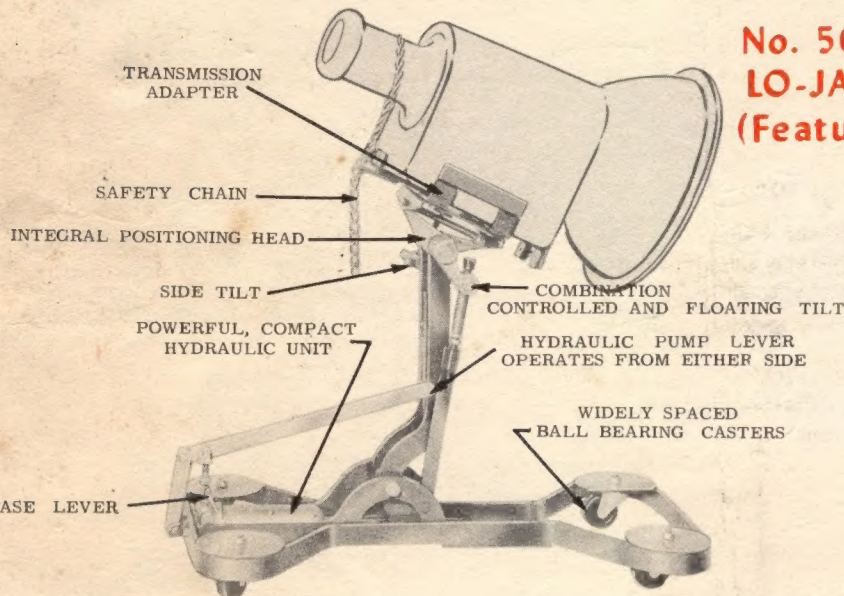
**STEP-DRAULIC No. 5000 LO-JACK**

**LATERAL SLIDE**

**SIDE TILT**



**No. 5000 LO-JACK (Features)**



**STEP-DRAULIC No. 550 LO-JACK COMBINATION**

For Transmissions and Car Lifting



ITEM-10

This is the original combination transmission and service Jack. Lift out the Transmission Carrier, set in the saddle and you have a handy Service Jack. The foot or hand operated pump and the release valve are in one unit which can be used in or out of rigid handle. Many other features important for transmission service.

THOUSANDS NOW IN USE HERE AND ABROAD

1 1/2 ton capacity. Lifts from 4 1/2" to 19 1/2" (2" higher with extension spool which is included.) Transmission Carrier and Adapter adds 3 1/2".

JACKS and ADAPTERS for truck transmissions. See and Adapters on page 4

**PRICES FROM \$**

For Servicing	No. 5000 Lo-Jack	No. 3000 Lo-Jack
Dynaflow	Prices in all complete units in carrier, and \$ 94.50	\$129.50
Hydramatic		
Ultramatic		
Ford-Mercury Automatic		
Over-Drives (except Packard)	Recommended for Specify Make	
Fluid Drives		
Powerglide	99.50	129.50
Fit-All Packard Overdrive	104.50	139.50
Studebaker Automatic Drive	\$109.50	(Price)
Ford - Mercury Automatic		
	Recommended for	

When ordering, specify Jack by Model Examples:

No. 5000 - Step-Draulic Lo-Jack for with Slide or less Slide  
No. 3000 - Step-Draulic Hi-Jack for

Order additional

Adapters for all

Cars and Trucks by name

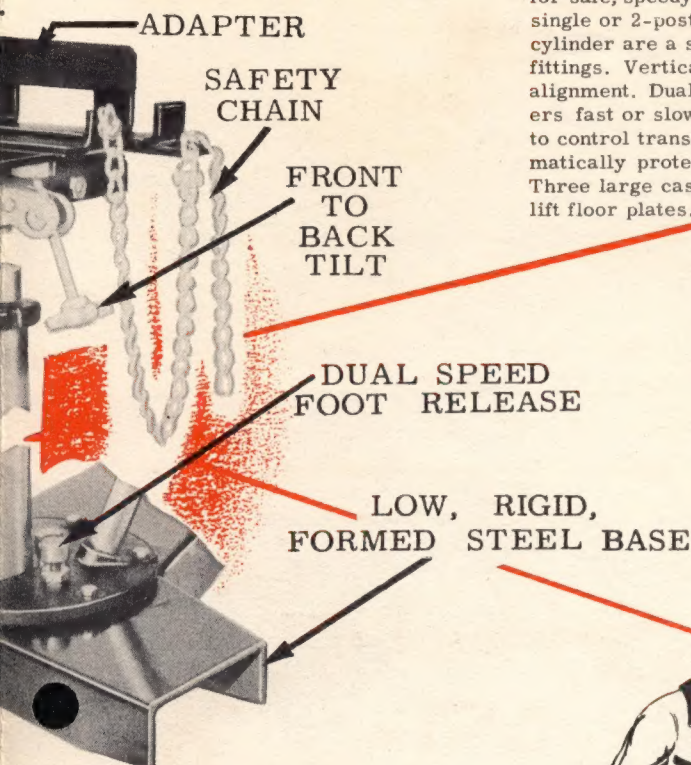


# FOR SAFE, SPEEDY SERVICE

## HI-JACKS

For those using Lifts or Pits

RS for ALL car and  
See Price Table below



Step-Draulic Transmission Hi-Jacks are designed for safe, speedy, one-man operation with the car on single or 2-post lift or pit. Hydraulic pump and lift cylinder are a single unit with no exposed piping or fittings. Vertical pumping action does not disturb alignment. Dual-speed, foot-operated release lowers fast or slow as desired leaving both hands free to control transmissions. Safety release valve automatically protects equipment and car mechanism. Three large casters spaced to straddle Twin Post lift floor plates.

### STEP-DRAULIC No. 3000 SINGLE STAGE HI-JACK

This single stage Jack lifts from 42" to 73".  
Capacity - 1000 lbs.



94.50 TO \$229.50

No. 550 -Jack	No. 3000 Hi-Jack	No. 3200 Hi-Jack	Adapter Only
Columns below are for com- including Jack, positioning an adapter.			\$12.50
24.60	\$169.50	\$214.50	12.50
or FORD			12.50
and Model			12.50
9.60	174.50	219.50	17.50
4.60	179.50	224.50	22.50
ces With Spline Aligning Slide)			
39.60	\$184.50	\$229.50	\$27.50
MERCURY			

Number followed by Name of Adapter.

Mercury Automatic  
(indicate as Slide is optional).  
Dynaflo.

—buy STEP-DRAULIC from

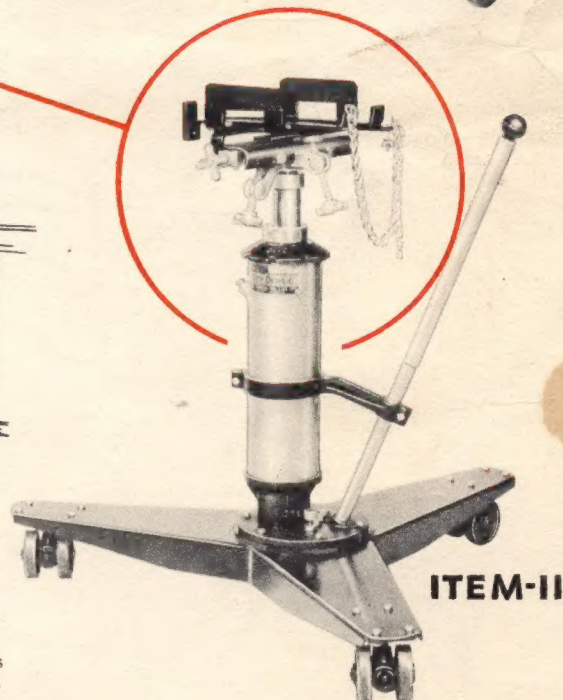
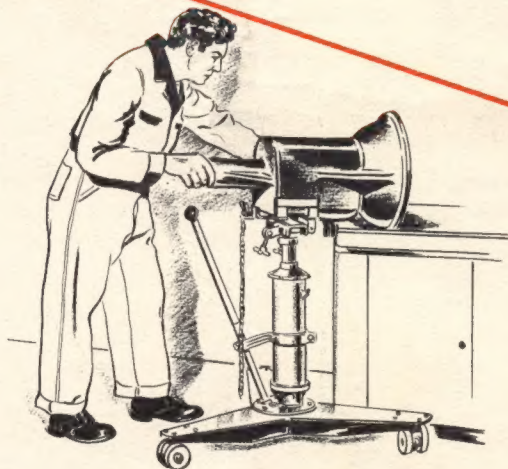
**DETROIT GENERAL EQUIPMENT CO.**

3935 Seyburn Ave.

Detroit 14, Mich.

### STEP-DRAULIC No. 3200 TWO-STAGE HI-JACK

Two - stage design allows a greater range in lift. Its  
raised height is 72". It lowers to 32" for greater con-  
venience when transferring heavy units to bench or  
fixture. Capacity - 1000 lbs.



Mfg. by J. O. STEPHENSON FDRY. & MFG. CO.

Equipment Designed with the Dealer in Mind

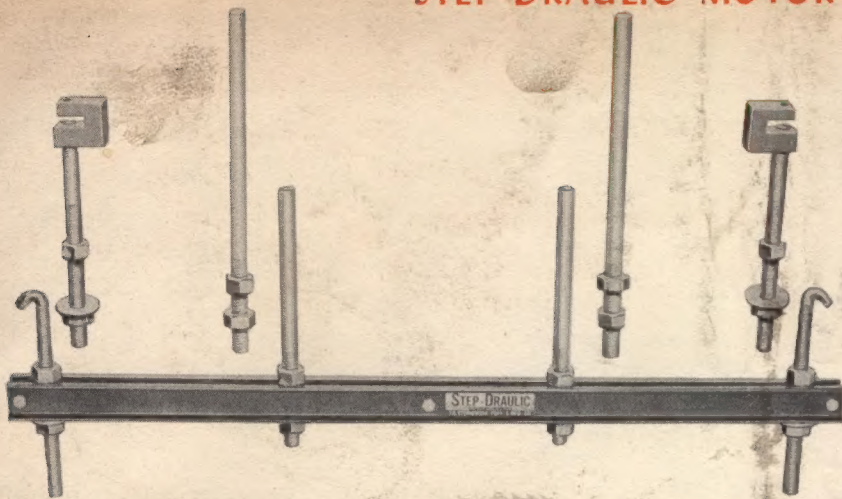
548 E. Fort St.

Woodward 2-6437

Detroit 26, Mich.



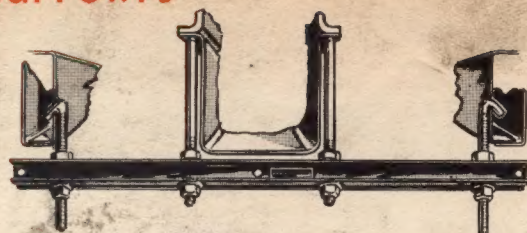
## STEP-DRAULIC MOTOR SUPPORTS



An AUXILIARY MOTOR SUPPORT for holding and positioning the engine when the transmission or rear motor mount is removed. Protects crank case. The work area is left free of obstruction and the car can be moved in and out of working stall. It is safe and convenient. For all late model cars, including new model changes. Provides maximum clearance so that transmission may be lowered and moved forward under crankcase when necessary.

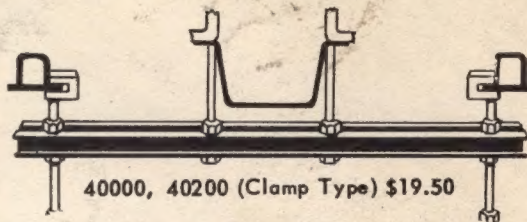
No. 40050 G-M Kit - all G-M cars  
\$24.50

No. 40450 Ford Motor Kit - for  
Ford Lincoln and Mercury  
\$16.50



40100, 40400, 40500 (Hook Type) \$14.50

No. 40100 specifically for Cadillac and Oldsmobile  
No. 40400 specifically for Lincoln  
No. 40500 specifically for Ford and Mercury, and  
Kaiser and Frazer. Can also be used for  
Cadillac and Oldsmobile



40000, 40200 (Clamp Type) \$19.50

No. 40000 specifically for Buick, Packard and  
Pontiac  
No. 40200 specifically for Chevrolet. Can also  
be used for Buick, Packard and  
Pontiac

## ADAPTERS

TRANSMISSION HOLDING ADAPTERS OF APPROVED DESIGN MOUNT INTERCHANGEABLY ON POSITIONING CARRIER.  
AVAILABLE FOR ALL CAR AND TRUCK TRANSMISSIONS IN TYPES AND CAPACITIES AS SHOWN:



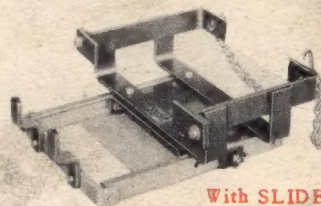
HYDRAMATIC  
No. 30800 - \$12.50



DYNAFLOW  
No. 30000 - \$12.50



ULTRAMATIC  
No. 30700 - \$12.50



With SLIDE  
FORD-MERCURY  
No. 30400 - WS. \$27.50



POWERGLIDE  
No. 31900 - \$17.50

SPECIFIC-UNIT ADAPTERS of individualized design, as illustrated, are required to correctly support and hold the various Automatic Transmissions.

Powerglide Adapter is designed for Axial Balance which allows free movement in any direction and assures safe, effortless handling of this transmission.

Spline aligning slide insures continuous alignment of splines and protects oil seals when transmission is removed separately from torque converter. Slide is essential for Studebaker, recommended for Mercury, and optional for Ford. Adds 1½" to specified height of Jacks.

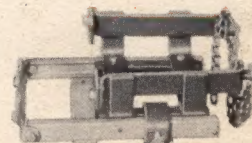
SPECIFIC UNIT ADAPTERS, although not illustrated, are available for all cars and trucks. Specify Make and Model for prices and information.

No. 30100 FIT-ALL ADAPTER \$22.50

Fits all transmissions except those automatic units shown above. For all car and truck transmissions weighing up to 500 lbs.; Borg-Warner Overdrives, Fluid Drives, 4-Speed Syncro-Mesh, etc. Provides a single work holding fixture with fully adjustable fittings and safety hold-down chain that are quickly locked into place with standard wrenches. Adjustable width 1" to 13", length 0" to 14-5/8" No. 30100



Less SLIDE  
FORD-MERCURY  
No. 30400 - \$12.50



STUDEBAKER  
No. 31300 - \$27.50

BUICK	CADILLAC	CHEVROLET	DE SOTO	CHRYSLER	DODGE
FORD	HUDSON	KAISER	FRAZER	LINCOLN	MERCURY
OLDSMOBILE	PACKARD	PLYMOUTH	PONTIAC	STUDEBAKER	WILLYS

## UNIVERSAL CARRIER No. 7000

This all-steel Carrier is an improved adaption of the Model 700, embodying changes for better handling of the Chevrolet Powerglide Transmission. It has positively connected, fast adjusting lead screws for safe, accurately controlled positioning of the unit. It tilts forward 28°, backward 10°, right 13°, left 13°, slide 3" laterally on steel rollers. It can be rotated the full 360°.

This Carrier is quickly interchangeable on No. 550 - also on No. 2900 and 3100 STEP DRAULIC JACKS (not shown in this circular) for supporting and positioning heavy units. All Adapters for all types of transmissions mount on the Carrier with 2 or 4 cap screws.

\$45.00





## ORDER BLANK

## DETROIT GENERAL EQUIPMENT CO.

3935 Seyburn Avenue

Detroit 14, Mich.

TERMS—Net C. O. D.

Deduct 5% for Cash with Order

\$..... Remittance Enclosed

Payable to Detroit General Equipment Co.

All Shipments F.O.B. Detroit, Mich., U.S.A.

Prices subject to change without notice.

Ship Via .....

SHIP TO .....

FORD DISTRICT OFFICE .....

NEW MODELS - NEW PRICES - Effective Sept. 1, 1950. See Step-Draulic Bulletin No. 17 or No. 18 for Complete Information

## (Recommended) Complete STEP-DRAULIC JACKS with FORD AUTOMATIC Transmission Adapters

Handle this 208 lb. FORD transmission with SPEED and SAFETY.

Item	Quantity	Floor Model Transmission Jacks	Amount
8	_____	No. 5000-304 FORD AUTOMATIC Lo-Jack..... (This floor model is recommended when used for transmission work exclusively)	\$ 94.50 \$ _____
10	_____	No. 550-304 FORD AUTOMATIC LO-Jack..... (Combination transmission and car lifting jack)	\$124.60 \$ _____
Lift or Pit Model Transmission Jacks			
9	_____	No. 3000-304 FORD AUTOMATIC Hi-Jack (Single Stage).....	\$169.50 \$ _____
11	_____	No. 3200 - 304 FORD AUTOMATIC Hi-Jack (Two Stage)..... (No. 3200 has added range for direct loading at bench level)	\$214.50 \$ _____

## (Desirable) SPECIAL TOOLS Group AA

20	_____	No. 40500 Engine Support for FORD.....	\$ 14.50 \$ _____
21	_____	No. 11200 Oil Drain and Filter Can.....	\$ 14.75 \$ _____
22	_____	No. 11220 Air Nozzle - Complete with Tip.....	\$ 4.50 \$ _____

## SPECIAL COMBINATION PRICE OFFER

When all the Special Tools in Group AA (Items No. 20, 21 and 22) are ordered at the same time as any one of the Step-Draulic Transmission Jacks (Item No. 8, 9, 10 or 11) deduct \$8.75 from total order..... Less \$ 8.75 \$ \_\_\_\_\_

## (Optional) STEP-DRAULIC ADAPTERS and ACCESSORIES

All Adapters are interchangeable on all Step-Draulic Jacks. Order extra adapters for other transmissions serviced

33	_____	No. 31301 Spline Aligning Slide (Attaches to any Adapter)..... Special Spline Aligning Slide insures continuous alignment of spline and protects oil seals when transmission is removed separately from torque converter. (Optional for Ford, recommended by Mercury).	\$15.00 \$ _____
32	_____	*No. 30100 FIT-ALL Adapter.....	\$ 22.50 \$ _____
31	_____	No. 30400 FORD-MERCURY Adapter..... (Included with all Ford Jacks. Order this unit only if you are now equipped with a Step-Draulic Jack)	\$ 12.50 \$ _____
30	_____	No. 30400-WS FORD MERCURY Adapter (with Spline Aligning Slide).....	\$ 27.50 \$ _____
	No. _____	Adapter for _____	\$ _____

Date .....

Dealers in Michigan Add 3% Sales Tax. \$ \_\_\_\_\_

Signed .....

Total Order \$ \_\_\_\_\_

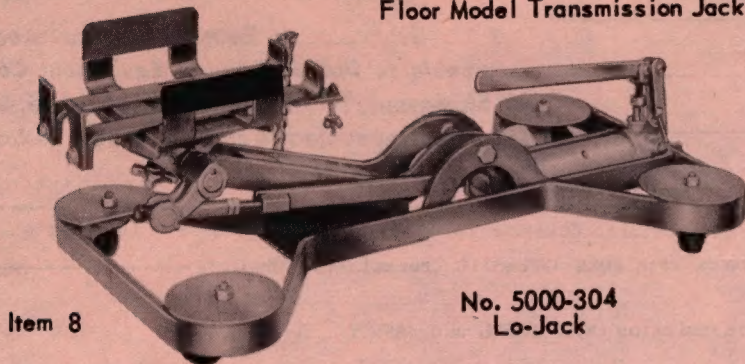
\*NOTE TO FORD DEALERS: You can service Ford and other truck transmissions, too, this faster, safer, cleaner way by ordering, along with any Ford Jack, a No. 30100 FIT-ALL Adapter at only \$22.50 extra.

FORD DEALER { Send Original copy of order and remittance directly to Detroit General Equipment Co.  
INSTRUCTIONS { Send one copy to your Ford District Office. Retain one copy.



# Transmission Handling Equipment and...SPECIAL SERVICE TOOLS

**Floor Model Transmission Jack**

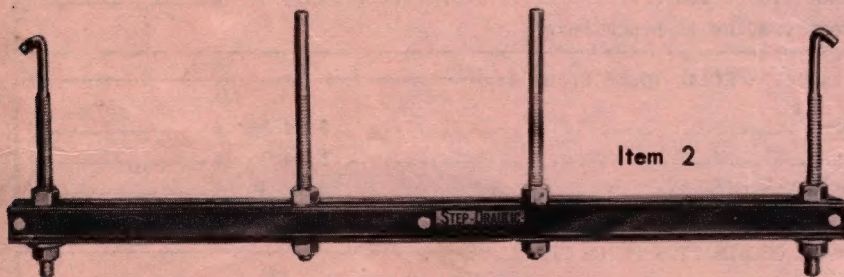


Item 8

**No. 5000-304  
Lo-Jack**

Especially designed for one-man transmission service with car on jack stands. Hydraulic pump, ram and positioning carrier in one unit. Controls at finger tips when working from Creeper. Pump operating lever can be mounted either side.

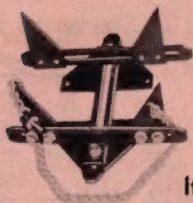
Rolls easily on four large casters - widely spaced for stability. Capacity - 1000 lbs. Transmission can be tilted 40° forward, 6° back, 10° left or right. Has adjustable floating tilt, an important feature.



Item 2

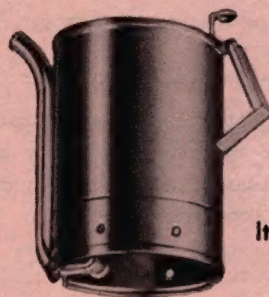
An auxiliary support for holding and positioning the engine when the transmission or rear motor mount is removed. Protects crank case. The work area is left free of obstruction and the car can be moved in and out of working stall. It is safe and convenient.

**No. 40500  
Engine Support**



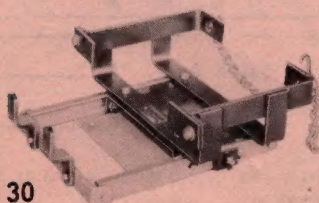
Item 32

**No. 30100 Fit-All Adapter**



Item 21

**NO. 11200  
OIL DRAIN AND FILTER CAN**



Item 30

**With SLIDE  
FORD-MERCURY  
No. 30400 - WS.\$27.50**



Item 31

**Less SLIDE  
FORD-MERCURY  
No. 30400 - \$12.50**

## Lift or Pit Model Transmission Jacks

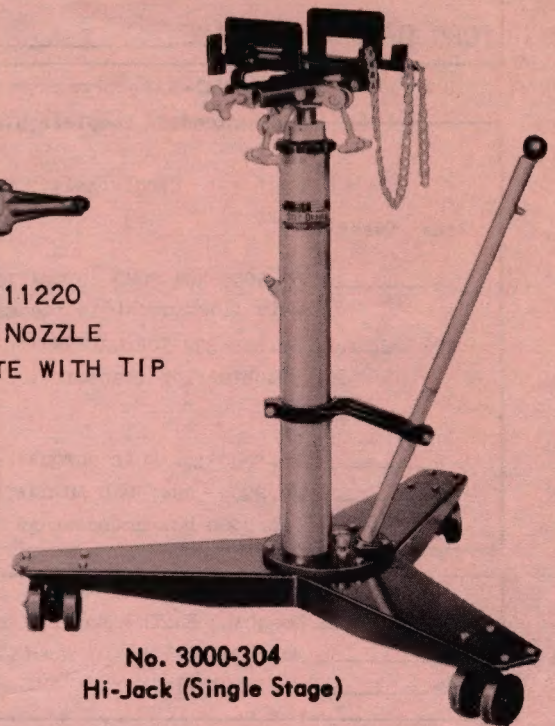
Step-Draulic Transmission Hi-Jacks are designed for safe, speedy, one-man operation with the car on single or 2-post lift or pit. Hydraulic pump and lift cylinder are a single unit with no exposed piping or fittings. Vertical pumping action does not disturb alignment. Dual-speed, foot-operated release lowers fast or slow as desired leaving both hands free to control transmissions. Safety release valve automatically protects equipment and car mechanism. Three large casters spaced to straddle Twin Post lift floor plates.

This all-steel Carrier tilts forward 28°, backward 10°, right 13°, left 13°, slide 3" laterally on steel rollers. It can be rotated the full 360°.



Item 22

**NO. 11220  
AIR NOZZLE  
COMPLETE WITH TIP**



**No. 3000-304  
Hi-Jack (Single Stage)**

This single stage Jack lifts from 42" to 73" Capacity - 1000 lbs.



Item 11

**No. 3200-304  
Hi-Jack (Two Stage)**

Two - stage design allows a greater range in lift. Its raised height is 72". It lowers to 32" for greater convenience when transferring heavy units to bench or fixture. Capacity - 1000 lbs.

Order form on reverse side.